

U.S. Environmental Protection Agency  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
Room S4900, One Potomac Yard  
2777 Crystal Drive Arlington, VA 22202

**Attention:**

Emily Schmid  
Registration Division  
Herbicide Branch

**Subject: Submission of a summary of scientific data on broadcast hooded sprayer performance in support of the 2020 XtendiMax® With VaporGrip® Technology (Alternate Brand Name: M1768 Herbicide) registration, EPA Reg. No. 264-RERN**

Dear Emily Schmid,

Bayer US – Crop Science (Bayer) appreciates the ongoing exchange with EPA regarding scientific submissions and academic studies evaluating the effectiveness of broadcast hooded sprayers in further reducing the potential for dicamba offsite movement. In response to a request from the US EPA for Bayer to provide supporting information on this Drift-Reduction Technology (DRT), Bayer herein provides a summary of scientific data on broadcast hooded sprayer performance. This report includes an approach to use Bayer's GLP broadcast hooded sprayer data to inform the risk assessment; summaries of academic and Bayer studies as additional lines of evidence regarding the effectiveness of hooded sprayers in reducing off-site movement; and Bayer's proposed application parameters for hooded sprayer applications, the qualification process for approving new commercially available broadcast hooded sprayer technologies, and a proposed implementation of DRT on the XtendiMax® label and application requirements website and on Bulletins Live Two.

This application is being submitted electronically and contains the following documents:

- This cover letter
- Application for Pesticide Registration – EPA Form 8570-1
- Public Data Matrix (8570-35)

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October 01, 2020

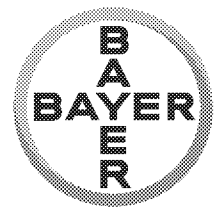
Steven T. Callen, Ph.D.

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- Agency Data Matrix (8570-35)
- Transmittal Document
- Report: Summary of Scientific Data on Broadcast Hooded Sprayer Performance, MRID No. **51299701**

Should you require any additional information or have any questions or concerns regarding this submission, please contact me (contact information on page 1) or George Sabbagh in our Washington D.C. office at (913) 231-6291 or [george.sabbagh@bayer.com](mailto:george.sabbagh@bayer.com).

Sincerely,

Bayer U.S. – Crop Science

A handwritten signature in black ink, appearing to read "Steven T. Callen".

Steven T. Callen, Ph.D.  
Federal Regulatory Manager